

Olancha/Cartago Four-Lane Project Alternative Descriptions

ALTERNATIVE 1:

This alternative proposes constructing segments of conventional all-paved four-lane highway, conventional divided four-lane highway and controlled access four-lane divided highway. The project will provide for route continuity by connecting into the Sage Flat Four-Lane to the south and the Ash Creek Four-Lane to the north.

Starting at the south end of the project, and up to 1.0 km (0.6 miles) south of Cactus Flat Road, a controlled access four-lane divided highway is proposed. The existing lanes will be utilized for northbound traffic, and new southbound lanes will be constructed to the west separated by a 30.5 meter (100 ft.) median.

From 1.0 km (0.6 miles) south of Cactus Flat Road to the junction of State Route 190, a conventional all-paved four-lane highway is proposed. The existing highway will be widened to the east with northbound and southbound lanes separated by a 4.2 meter (14 ft.) paved median.

Continuing north from the junction of State Route 190 to 1.0 km (0.6 miles) north of Whitney Street, a conventional all-paved four-lane highway is proposed. The existing highway will be widened to the west with northbound and southbound lanes separated by a 4.2 meter (14 ft.) paved median.

From 1.0 km (0.6 miles) north of Whitney Street to 3.6 km (2.2 miles) north of Whitney Street, a conventional divided four-lane highway is proposed. The existing lanes will be utilized for northbound traffic, and new southbound lanes will be constructed to the west separated by a median width of at least 30.5 meters (100 ft.).

The last segment, from 3.6 km (2.2 miles) north of Whitney Street to the north end of the project, proposes the construction of a controlled access four-lane divided highway. The existing lanes will be utilized for southbound traffic, and new northbound lanes will be constructed to the east separated by at least a 30.5 meter (100 ft.) median.

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ALTERNATIVE 2:

This alternative proposes construction of a controlled access four-lane divided highway with the northbound and southbound lanes separated by at least a 30.5 meter (100 ft.) wide median throughout the project. The project will provide for route continuity by connecting into the Sage Flat Four-Lane to the south and the Ash Creek Four-Lane to the north.

Starting from the south end of the project, and up to 1.7 km (1.1 miles) south of Cactus Flat Road, the existing lanes will be utilized for northbound traffic, and new southbound lanes will be constructed to the west.

From 1.7 km (1.1 miles) south of Cactus Flat Road to 0.3 km (0.2 miles) south of the Junction of State Route 190, the new northbound and southbound lanes will be constructed to the east of the existing highway, and the existing highway will be utilized as a frontage road.

Continuing north from 0.3 km (0.2 miles) south of the junction of State Route 190 to 0.4 km (0.3 miles) south of Ranch Road, the new northbound and southbound lanes will be constructed to the west of the existing highway. The existing highway will be utilized as a frontage road.

From 0.4 km (0.3 miles) south of Ranch Road to 3.6 km (2.2 miles) north of Whitney Street, the existing lanes will again be utilized for northbound traffic, and new southbound lanes will be constructed to the west.

The last segment, from 3.6 km (2.2 miles) north of Whitney Street to the north end of the project, proposes that the existing lanes be utilized for southbound traffic, and the new northbound lanes be constructed to the east.

ALTERNATIVE 2A:

This alternative is a variation of Alternative 2, and proposes that the controlled access divided four-lane highway be constructed to the west of the community of Cartago with the northbound and southbound lanes separated by at least a 30.5 meter (100 ft.) wide median throughout.

From the south end of the project to 1.3 km (0.8 miles) north of the junction of State Route 190, this alternative is similar to Alternative 2.

Continuing north from 1.3 km (0.8 miles) north of the junction of State Route 190 to 1.3 km (0.8 miles) north of Whitney Street, it is proposed that the new northbound and southbound lanes be constructed to the west of the community of Cartago.

From 1.3 km (0.8 miles) north of Whitney Street to the north end of the project, the alternative is similar to Alternative 2.

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ALTERNATIVE 3:

This alternative proposes construction of a controlled access divided four-lane highway to the west of the community of Olancha with the northbound and southbound lanes separated by at least a 30.5 meter (100 ft.) wide median throughout the project. The project will provide for route continuity by connecting into the Sage Flat Four-Lane to the south and the Ash Creek Four-Lane to the north.

Starting from the south end of the project, and up to 0.8 km (0.5 miles) south of Cactus Flat Road, the existing lanes will be utilized for northbound traffic, and new southbound lanes will be constructed to the west.

From 0.8 km (0.5 miles) south of Cactus Flat Road to 0.4 km (0.3 miles) south of Ranch Road, the new northbound and southbound lanes are proposed to be constructed to the west of the community of Olancha, near the L. A. Aqueduct. The junction with State Route 190 will be extended to the west to connect with the new lanes.

Continuing north from 0.4 km (0.3 miles) south of Ranch Road to 3.6 km (2.2 miles) north of Whitney Street, the existing lanes will again be utilized for northbound traffic, and new southbound lanes will be constructed to the west.

The last segment, from 3.6 km (2.2 miles) north of Whitney Street to the north end of the project, proposes that the existing lanes be utilized for southbound traffic, and the new northbound lanes be constructed to the east.

ALTERNATIVE 3A:

This alternative is a variation of Alternative 3, and proposes that the controlled access divided four-lane highway also be constructed to the west of the community of Cartago with the northbound and southbound lanes separated by at least a 30.5 meter (100 ft.) wide median throughout.

From the south end of the project to 0.8 km (0.5 miles) south of Cactus Flat Road, this alternative is similar to Alternative 3.

From 0.8 km (0.5 miles) south of Cactus Flat Road to 1.3 km (0.8 miles) north of Whitney Street, the new northbound and southbound lanes are proposed to be constructed to the west of the communities of Olancha and Cartago, near the L. A. Aqueduct. The junction with State Route 190 will be extended to the west to connect with the new lanes.

From 1.3 km (0.8 miles) north of Whitney Street to the north end of the project, the alternative is similar to Alternative 3.